

## MOBILE REMOTE MONITORING AND DIAGNOSTICS AND METHOD

## ABSTRACT OF THE DISCLOSURE

[0017] A monitoring and diagnostics system for a fleet of rental power generation equipment utilizes a plurality of remote processors each operatively engaged with a respective power generation unit. The remote processors each include a plurality of sensors detecting operating data of the respective power generation unit. A managing processor receives the operating data from the plurality of remote processors and processes the operating data via an algorithm to determine a health status of the rental power generation fleet. In one arrangement, the fleet health status is configurable for presentation via the managing processor on a single display. In another arrangement, the managing processor processes the operating data via a predictive failure algorithm to determine the health status of the power generation equipment along with a failure prediction based on the received operating data.